

SUPER-CONDUCTING SYNCHRONOUS MACHINE HAVING ROTOR AND
A PLURALITY OF SUPER-CONDUCTING FIELD COIL WINDINGS

ABSTRACT OF THE DISCLOSURE

A rotor for a synchronous machine is disclosed that comprises a rotor core having a rotor axis, and a pair of super-conducting coil windings mounted on the rotor core, each of said coil windings in a respective plane that is parallel to and offset from the rotor axis.